

~~Patent Claims~~

1. The first part of the report is a general introduction to the subject of the study. It discusses the importance of the research and the objectives of the study.

9. Component according to one or more of the preceding claims, characterized by a design as a blade (7) of a gas turbine, to the root (8,9) of which the layer (6) is applied in order to protect against fretting.

10. Component according to one or more of the preceding claims, characterized in that the component substantially comprises fibre-reinforced plastic (FRP).

11. Component according to one or more of the preceding claims, characterized by a design as an FRP blade (3,12) and/or a support, which is designed as a disc or a ring, of an integrally bladed FRP rotor (10), to which the layer (6) is applied in order to protect against erosion and/or corrosion.

12. Component according to one or more of Claims 1 to 9, characterized by a metallic design.

13. Component according to Claim 12, characterized by a design made from an alloy based on Ti or Ni or Co or Fe.

14. Component according to one or more of Claims 1 to 6, characterized by a design as a tyre of a rail-borne vehicle, to which the layer (6) is applied.

15. Component according to one or more of Claims 1 to 7, characterized by a design as a component of a reciprocating engine, such as a valve, a camshaft, a crankshaft, a piston ring or a piston pin, to which the layer (6) is applied.

ACD A2